1 P E 1078		U.S. Pate	PTO/SB/21 (08-03) Approved for use through 08/30/2003. OMB 0651-0031 ent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act	of 1995, no person	as are required to respond to a collect Application Number	tion of information unless it displays a valid OMB control number. 10/644,684
TRANSMITTAL	_	Filing Date	08/19/2003
FORM		First Named Inventor	Robert A. Dunstan
(to be used for all correspondence afte	er initial filina)	Art Unit	Not Yet Assigned
(10 do doca foi dii ostrospondonio dii	g,	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submis	sion	Attorney Docket Number	110349-133959
	ENC	LOSURES (Check all th	at apply)
Fee Transmittal Form Fee Attached  Amendment/Reply After Final Affidavits/declaration( Extension of Time Request Express Abandonment Request Information Disclosure Stater Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing under 37 CFR 1.52 or	s)  est  Rema  Parts 1.53		Other Enclosure(s) (please Identify below):  Copy of 1 Reference; Return Receipt Postcard
S	IGNATURE (	OF APPLICANT, ATTORI	NEY, OR AGENT
Firm SCHWABE, WILLI or Individual name Signature	AMSON & WYA	TT, P.C.	
Date 10/31/2003	***		
	CERTIFIC	CATE OF TRANSMISSIO	N/MAILING
I hereby certify that this corresponde sufficient postage as first class mail in the date shown below.	nce is being facs	simile transmitted to the USPTO	or deposited with the United States Postal Service with Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on
Typed or printed name Heather L	. Adamson		(NA)

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

Date 10/31/2003 //

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FE	E	TR	AN	SM	ITT	AL
	ſ	or	FY	200	)4	

(\$) 0.00

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Complete if Known			
Application Number	10/644684		
Filing Date	08/19/2003		
First Named Inventor	Robert A. Dunstan		
Examiner Name	Not Yet Assigned		
Art Unit	Not Yet Assigned		
Attorney Docket No.	110349-133959		

Check   Credit card   Money   Other   None   Order   None   Order   Order   None   Order   Order   None   Order   Or	METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Deposit Account:   Fee Fee Fee Fee Fee Fee Fee Fee Fee F		3. ADDITIONAL FEES					
Schwabe, Williamson			Entity	Small	Entity		i
Schwabe,   Williamson   1052   50   2052   55   Surcharge - late filing fee or cath   1052   50   2052   25   Surcharge - late filing fee or cover sheet   1052   50   2052   25   Surcharge - late provisional filing fee or cover sheet   1053   130   1	Denosit					Fee Description	Fee Paid
Deposit Account   Accou	Account 500393		•••		,	Surcharge - late filing fee or oath	
1053   130   105	Deposit Caburaha Williamson	1052	50	2052			
The Director is authorized to: (check all that apply)		1052	120	1052			
Charge fee(s) indicated below Control of fee(s) indicated below, except for the filing fee to the above-identified deposit account.  FEE CALCULATION  1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe						• •	
Charge any additional fee(s) or any underpayment of tee(s)	Charge resitor management of the control of the con				•	Requesting publication of SIR prior to	
Total Claims							
Test   State		1805	1,840*	1805	1,840*		
1. BASIC FILING FEE   Carge Entity   Small Entity   Fee Paid   1252   420   2252   210   Extension for reply within feorth month   1254   1,480   1254   1,480   1255   2,010   2255   1,005   Extension for reply within firth month   1255   1,005   Extension for reply within firth month   1401   330   2401   165   Notice of Appeal   1402   330   2402   165   Filing a brief in support of an appeal   1402   330   2402   165   Filing a brief in support of an appeal   1401   330   2402   165   Filing a brief in support of an appeal   1451   1,510   1451   1,510   Petition to revive - unavoidable   1452   110   2452   55   Petition to revive - unavoidable   1453   1,330   2453   665   Petition to revive - unavoidable   1453   1,330   2453   665   Petition to revive - unavoidable   1453   1,330   2453   665   Petition to revive - unavoidable   1453   1,330   2453   665   Petition to revive - unavoidable   1453   1,330   2453   665   Petition to revive - unavoidable   1,501   1,330   2,501   665   Utility issue fee (or reissue)   1,501   1,330   2,501   665   Utility issue fee   1,501		1251	110	2251	55	Extension for reply within first month	
Large Entity   Small Entity   Fee   Fee   Fee   Fee   Description   Fee Paid   1253   950   2253   475   Extension for reply within fund month   1255   2,010   1254   1,480   1255   2,010   1255   2,		1252	420	2252	210	Extension for reply within second month	
125   1,480   2254   740   Extension for reply within fourth month   1255   2,010   1255   2,0		1253	950	2253	475	Extension for reply within third month	
1001 770   2001 385	Fee Fee Fee Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
1002 340   2002 170   Design filing fee   1401 330   2401 165   Notice of Appeal   1402 330   2402 165   Filing a brief in support of an appeal   1403 329   2403 145   Request for oral hearing   1451 1,510   1451 1,510   Petition to revive - unavoidable   1452 110   2452 55   Petition to revive - unavoidable   1453 1,330   2401 165   Notice of Appeal   1403 329   2403 145   Request for oral hearing   1451 1,510   1451 1,510   Petition to revive - unavoidable   1453 1,330   2453   665   Petition to revive - unavoidable   1453 1,330   2453   665   Petition to revive - unavoidable   1453 1,330   2453   665   Petition to revive - unavoidable   1453 1,330   2453		1255	2,010	2255	1,005	Extension for reply within fifth month	
1003 530 2003 265 Plant filing fee		1401	330	2401	165	Notice of Appeal	
1005   160   2005   80   Provisional filing fee   SUBTOTAL (1)   (\$) 0.00   1451   1,510   145		1402	330	2402	165	Filing a brief in support of an appeal	
SUBTOTAL (1) (\$) 0.00  1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1452 110 2452 55 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1502 480 2502 240 Design issue fee 1503 640 2503 320 Plant issue fee 1503 640 2503 320 Plant issue fee 1503 640 2503 320 Plant issue fee 1460 130 1460 130 Petitions to the Commissioner 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 1808 180 1806 180 Submission of Information Disclosure Stmt 1809 770 2809 385 Filing a submission after final rejection 1809 770 2810 385 For each additional invention to be examined (37 CFR 1.129(a)) 1809 770 2810 385 Request for Continued Examination (RCE) 1809 770 2801 385 Request for expedited examination 1801 770 2801 385 Request for expedited examination 1802 900 1802 900 Request for expedited examination 1803 1452 110 2452 55 Petition to revive - unavoidable 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1453 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2501 665 Utility issue fee (or reissue) 1508 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2453 665 Petition to revive - unintentional 1501 1,330 2453 665 Petition to revive - unintentional 1606 180 2501 480 2502 240 Design issue fee 1460 130 1460 130 Petitions to the Commissioner 1807 75 1807 140 2809 385 Filing Each patric samples of properties and 1807 Processing fee under 37 CFR 1.17(q) 1808 1807 75 2809 385 Filing Each patric samples of properties and 1807 Processing fee under 37 CFR 1.17(q) 1808 1807 75 2809 385 Filing Each patric samples of properties and 1807 Processi	1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE    Extra Claims	1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Claims below Fee Paid  Total Claims -20** = X   500   500   500   500   500    Large Entity   Small Entity   Small Entity   Fee Fee Code (\$)   Code	SUBTOTAL (1) (\$) 0.00		110	2452	55	Petition to revive - unavoidable	
Total Claims		1453	1,330	2453	665	Petition to revive - unintentional	<b></b>
Total Claims	Fee from		-,			•	
Independent Claims  Multiple Dependent  Large Entity   Small Entity   Fee   Fee   Fee   Code (\$)    1202   18   2202   9   Claims in excess of 20    1201   86   2201   43   Independent claims in excess of 3    1203   290   2203   145   Multiple dependent claims over original patent    1204   86   2204   43   "Reissue independent claims over original patent    1205   18   2205   9   "Reissue claims in excess of 20    1206   1807   50   1807   50   Processing fee under 37 CFR 1.17(q)    1806   180   1806   180   Submission of Information Disclosure Stmt    8021   40   8021   40   Recording each patent assignment per property (times number of properties)    1809   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))    1810   770   2810   385   For each additional invention to be examined (37 CFR 1.129(b))    1801   770   2801   385   Request for Continued Examination (RCE)    1802   900   1802   900   Request for expedited examination of a design application    1803   320   Fraint issue let.							<b></b>
Multiple Dependent  Large Entity   Small Entity   Fee   Fee   Fee   Fee   Code (\$)    1202   18   2202   9   Claims in excess of 20    1203   290   2203   145   Multiple dependent claims over original patent    1204   86   2204   43   **Reissue independent claims over original patent    1205   18   2205   9   **Reissue claims in excess of 20 and over original patent    1205   18   2205   9   **Reissue claims in excess of 20 and over original patent    1206   180   180   180   Submission of Information Disclosure Stmt    1207   1808   1808   Submission of Information Disclosure Stmt    1208   8021   40   8021   40   Recording each patent assignment per property (times number of properties)    1209   385   Filing a submission after final rejection (37 CFR 1.129(a))    1201   385   For each additional invention to be examined (37 CFR 1.129(b))    1202   18   2205   9   **Reissue claims in excess of 20 and over original patent    1204   1806   180   1806   180   Submission of Information Disclosure Stmt    1205   1807   50   Processing fee under 37 CFR 1.17(q)    1206   1807   50   Processing fee under 37 CFR 1.17(q)    1207   1806   180   Submission of Information Disclosure Stmt    1208   8021   40   8021   40   Recording each patent assignment per property (times number of properties)    1209   770   2809   385   Filing a submission after final rejection (37 CFR 1.129(a))    1201   1806   180   1806   180   Submission of Information Disclosure Stmt    1202   8021   40   8021   40   8021   40   Recording each patent assignment per property (times number of properties)    1205   1807   770   2810   385   Feiling a submission after final rejection (37 CFR 1.129(a))    1207   2810   385   Feiling a submission after final rejection (37 CFR 1.129(b))    1208   385   Filing a submission after final rejection (37 CFR 1.129(b))    1209   770   2810   385   Fer each additional invention to be examined (37 CFR 1.129(b))    1209   770   2810   385   Fer each additional invention to be examined (37 CFR 1.129(b))    1201   77	Independent 2						
Large Entity   Small Entity   Fee Fee Code (\$)   Fee Description   1806   180   1806   180   Submission of Information Disclosure Stmt   1806   180   1806   180   Submission of Information Disclosure Stmt   1806   180   1806   180   Submission of Information Disclosure Stmt   1806   180   1806   180   Submission of Information Disclosure Stmt   1806   180   1806   180   Submission of Information Disclosure Stmt   1806   180   1806   180   Submission of Information Disclosure Stmt   1807	Claims						
Fee Code (\$)  Fee Code (\$)  Fee Code (\$)  Fee Description  1202 18  1202 9 Claims in excess of 20  1201 86  1202 14 Independent claims in excess of 3  1203 290  1204 43 Multiple dependent claim, if not paid  1204 86  1204 43 **Reissue independent claims over original patent  1205 18  1205 9 **Reissue claims in excess of 20  1809 770  1809 770  2809 385 Filing a submission after final rejection (37 CFR 1.129(a))  1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1801 770 2801 385 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  **Reduced by Basic Filing Fee Paid SUBTOTAL (2) (\$) 0.00						,,,,	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 "Reissue independent claims over original patent over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1205 18 2205 9 "Reduced by Basic Filing Fee Paid SUBTOTAL (2) (\$) 0.00	Fee Fee Fee Fee Description			1			
1201 86 2201 43 Independent claims in excess of 3  1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims over original patent  1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) \$\begin{array}{c c c c c c c c c c c c c c c c c c c		8021	40	802		property (times number of properties)	
1203 290 1204 86 1204 43 ** Reissue independent claims over original patent  1205 18 1205 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2)  1208 145 Multiple dependent claim, if not paid 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1801 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))  1801 770 2810 385 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$\frac{1}{2}\$) 0.00		1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1204 86 2204 43 "Reissue independent claims over original patent over original patent 1801 770 2801 385 Request for Continued Examination (RCE)  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent 1802 900 1802 900 Request for expedited examination of a design application 1802 900 Other fee (specify)  SUBTOTAL (2) (\$\frac{1}{3}\text{ 0.00} \text{ (\$\frac{1}{3}\text{ 0.00} \text{ 0.00} \text{ 1802 900 }	1 20, 00	1810	770	2810	385	For each additional invention to be	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 0.00  1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00		4004	770	2004	205	, , , , , , , , , , , , , , , , , , , ,	
and over original patent  of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid  SUBTOTAL (2)  (\$) 0.00  *Reduced by Basic Filing Fee Paid  SUBTOTAL (3) (\$) 0.00							
SUBTOTAL (2) (\$) 0.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00		1002	300	1002	300		
Reduced by Basic Filling Fee Faid STIRTOTAL 731 1/C1 (1) (1)	SURTOTAL (2) (\$) 0.00		Other fee (specify)				
Tor number previously paid, it greater; For Reissues, see above	**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00					

**or number prev	iously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid	SUBTOTAL (3) (\$) 0.00		
SUBMITTED BY			(Complete (if applicable))		
Name (Print/Type)	Aloysius T.C. AuYeung	Registration No. (Attorney/Agent) 35,432	Telephone 503-222-9981		
Signature	Ann	1	Date		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.